

AMENDMENT TO CLAIMS

Claim No. 1: (Curently Amended)

A portable mat member for walking maneuvers and coordination maneuvers over the upper surface having means thereon for to gauge the walking amneuvurs thereon, comprising:

(a) a longitudinally extending mat member having an upper surface and a lower surface, said mat member having a first lateral edge and a second lateral edge, said mat member having a first end edge and a second end edge;

(b) a longitudinally extending marking means member extending from said first end edge to said second end edge, said marking member providing a guide for walking maneuvers and coordination maneuvers over the upper surface of said mat member, means, said marking member extending above the upper surface of the mat member and said marking member having a luminous coating on a portion of the upper surface thereof,

(c) a plurality of electromechanical pressure sensor means disposed under said longitudinally extending marking means, said sensor means structured to receive the pressure of said individual on said upper surface of said longitudinally extending marking means, said sensor means comprising a series of upright resilient vertically compressible spring members each having an upper and lower portion, with each of said spring members being located and positioned in series under said longitudinally extending marking means, with each of said spring members being interconnected on the lower portion thereof to a movable electromechanical contact member;

(d) mating electromechanical contact members each of which being located just below each of which said spring members to receive the downward contacting electromechanical movement of a said moveable electromechanical contact members of one of said spring members when pressed downwardly to contact one of said mating contact members connected to one of said electromechanical mating members;

(e) circuit means electronically interconnected to each of said mating electromechanical contact members and having an electrically activated signalling means to detect activation of said electrical circuit by one or more of said mating electromechanical contact members being contacted by one of the said electromechanical pressure sensor means, said closed circuit means having integrated therein an electronically activated signalling device which is activated whenever said circuit is electrically activated by one or more of said electromechanical contact members.

Claim No. 2: (Currently Amended)

A portable mat member for walking maneuvers over its [the] upper surface [having means thereon to gauge the walking maneuvers thereon], comprising:

(a) a longitudinally extending mat member having an upper surface and a lower surface, said mat member having a first lateral edge and a second lateral edge, and said mat member having a first end edge and a second end edge, said first lateral edge being thicker than said second lateral edge;

(b) [a] longitudinally extending marking means for walking maneuvers over the surface of said member means extending from said first end edge to said second end edge, [said marking means being a guide for gauging walking maneuvers over the upper surface of said mat member], and wherein said marking means extends upwardly above said upper surface of said mat member and wherein said marking means has a luminous coating over a portion of said marking means.

(c) a plurality of electromechanical pressure sensor means disposed under said longitudinally extending marking means, said sensor means structured to receive the pressure of said individual on said upper surface of said longitudinally extending marking means, said sensor means comprising a series of upright resilient vertically compressible spring members each having an upper and lower portion, with each of said spring members being located and positioned in series under said longitudinally extending marking means, with each of said spring members being interconnected on the lower portion thereof to a movable electromechanical contact member;

(d) mating electromechanical contact members each of which being located just below each of which said spring members to receive the downward contacting

electromechanical movement of a said moveable electromechanical contact members of one of said spring members when pressed downwardly to contact one of said mating contact members connected to one of said electromechanical mating members;

(e) circuit means electronically interconnected to each of said mating eletromechanical contact members and having an electrically activated signalling means to detect activation of said electrical circuit by one or more of said mating electromechanical contact members being contacted by one of the said electromechanical pressure sensor means, said closed circuit means having integrated therein an electronically activated signalling device which is activated whenever said circuit is electrically activated by one or more of said electromechanical contact members.

Claim No. 3: (Currently Amended)

A portable mat member for walking maneuvers over its upper surface having means thereon for the walking maneuvers and coordination maneuvers thereon, comprising:

(a) a longitudinally extending mat member having an upper surface and a lower surface, said mat member having a first lateral edge and a second lateral edge, and said mat member having a first end edge and a second edge, said first lateral edge being of a greater height than the height of the second lateral edge;

(b) a longitudinally extending medial line member extending from said first end edge to said second end edge, said medial line member being raised upwardly above said upper surface of said mat member with said medial line member having fluorescent substances on at least a portion thereof.

(c) a plurality of electromechanical pressure sensor means disposed under said longitudinally extending marking means, said sensor means structured to receive the pressure of said individual on said upper surface of said longitudinally extending marking means, said sensor means comprising a series of upright resilient vertically compressible spring members each having an upper and lower portion, with each of said spring members being located and positioned in series under said longitudinally extending marking means, with each of said spring members being interconnected on the lower portion thereof to a movable electromechanical contact member;

(d) mating electromechanical contact members each of which being located just below each of which said spring members to receive the downward contacting electromechanical movement of a said moveable electromechanical contact members of

one of said spring members when pressed downwardly to contact one of said mating contact members connected to one of said electromechanical mating members;

(e) circuit means electronically interconnected to each of said mating electromechanical contact members and having an electrically activated signalling means to detect activation of said electrical circuit by one or more of said mating electromechanical contact members being contacted by one of the said electromechanical pressure sensor means, said closed circuit means having integrated therein an electronically activated signalling device which is activated whenever said circuit is electrically activated by one or more of said electromechanical contact members.

Claim No. 4: (Currently Amended)

A portable mat member for guaging walking maneuvers and coordination maneuvers over the upper surface of such mat comprising:

(a) a longitudinally extending mat member having an upper surface and a lower surface, said mat member having a first lateral edge and a second lateral edge, and said mat member having a first end edge and a second end edge, with said first lateral edge being thicker than said second lateral edge;

(b) longitudinally extending marking means for guiding walking maneuvers over the surface of said mat member, said marking means extending longitudinally from said first end edge to said second end edge of said mat member wherein said marking means extend upwardly above said upper surface of said mat member and wherein said marking means has a luminous coating over a portion of said marking means;

(c) electromechanical pressure sensor means disposed under said longitudinally extending marking means, said sensor means comprising a series of upright resilient spring members located in series under said longitudinally extending marking means, with each of said spring members being interconnected to a movable electromechanical contact member;

(d) a mating electromechanical contact member to receive the downward structured contacting movement of said moveable electromechanical contact member which is pressed downwardly to the mating member said circuit having a therein a sound producing member to audibly signal said circuit being closed.

(e) circuit means electronically interconnected to each of said mating eletromechanical contact members and having an electrically activated signalling means

to detect activation of said electrical circuit by one or more of said mating electromechanical contact members being contacted by one of the said electromechanical pressure sensor means, said closed circuit means having integrated therein an electronically activated signalling device which is activated whenever said circuit is electrically activated by one or more of said electromechanical contact members.

Claim No. 5: (Currently Amended)

A portable mat member for guaging walking maneuvers of an individual for coordination observations over the upper surface of said mat member comprising:

(a) a longitudinally extending mat member having an upper surface and a lower surface, and having a first lateral edge and a second lateral edge, and said mat member having a first end edge and a second edge, with said first lateral edge being thicker than said second lateral edge;

(b) longitudinally extending marking means having an upper surface for guiding walking maneuvers over the surface of said mat member, said marking means extending over a portion of said upper surface between said first end edge and said second end edge of said mat member, wherein said marking means extend upwardly above said upper surface of said mat member and wherein said marking means has luminous means on a portion of said upper surface of said marking means;

(c) a plurality of electromechanical pressure sensor means disposed under said longitudinally extending marking means, said sensor means structured to receive the pressure of said individual on said upper surface of said longitudinally extending marking means, said sensor means comprising a series of upright resilient vertically compressible spring [member]members each having an upper and lower portion, with each of said spring members being located and positioned in series under said longitudinally extending marking means, with each of said spring [member] members being interconnected on the lower portion thereof to a movable electromechanical contact member;

(d) [a mating] mating electromechanical contact [member] members each of which being located just below each of which said spring members to receive the downward contacting electromechanical movement of a said moveable electromechanical contact members of one of said spring members [is] when pressed downwardly to contact [each] one of said mating contact members connected to one [each] of said electromechanical mating members;

(e) circuit means electronically interconnected to each of said mating electromechanical contact members and having an electrically activated signalling means to detect activation of said electrical circuit by one or more of said mating electromechanical contact members being contacted by one of the said electromechanical pressure sensor means, said closed circuit means having integrated therein an electronically activated signalling device which is activated whenever said circuit is electrically activated by one or more of said electromechanical contact members.